Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 12 Apr 2023 until 23:59 on Thursday 13 Apr 2023

Forecast Issued on Tuesday 11 Apr 2023 at 17:33

Confidence: High for unsettled and cool conditions with hill snow, and for transition towards more settled conditions Saturday. Lower for timing of rain bands and for maximum wind strengths during Wednesday and Thursday.

Headline for Wednesday 12 Apr 2023: Rather cloudy with wintry showers, heavy at times. Bands of wintry precipitation will give longer snowy spells. Strong and gusty winds reaching gale force by the evening, with a risk of blizzards.

Mountain weather hazards on Wednesday 12 Apr 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light snow showers (night)	Light snow showers	Sleet	Heavy snow	Light snow showers	Sleet	Sleet
Precipitation probability							
20%	30%	30%	30%	50%	40%	70%	70%

Forecast for Wednesday 12 Apr 2023

Weather: Clear skies overnight will see some patchy frost and ice patches in the early hours. Isolated blustery showers in the early hours becoming scattered through the morning. Showers likely falling as snow above 500m. Bands of precipitation will push in from the west through the morning and afternoon giving long spells of rain and hill snow. Thundery downpours also possible at times during daylight hours. Snow gradually falling to lower levels, perhaps 300m by midday. Bands clearing from the west late on. Low confidence in details.

Chance of cloud-free hill tops above 600m: 60% in the west, 80% in the east, falling to less than 20% by mid-morning. Improving to 70% by midnight, particularly further west.

Low Cloud and visibility: Frequent wintry showers or persistent snow combined with strong winds may lead to blizzard or white-out conditions above 500m and very poor visibility. Low cloud spreading east and lowering by mid-morning, with bases down to 200-400m, and to lower slopes further west. Best of bases across the east of the Dales. Sudden deterioration of cloud bases likely in wintry precipitation which may give prolonged periods of very poor visibility. Visibility very good to excellent outside of showers or wintry precipitation.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Wednesday 12 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/40 SW	25/36 SW	22/32 SW	23/34 S	22/32 S	16/23 S	15/22 W	22/33 W	24/36 W
300	18/38 SW	16/35 SW	14/29 SW	16/30 S	17/32 S	11/22 S	10/21 W	16/32 W	17/34 W
Valley	17/36 SW	14/32 SW	12/27 S	15/30 S	14/29 S	11/22 S	11/22 W	14/30 W	15/31 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	-0/-8	-1/-8	-0/-8	1/-6	1/-5	1/-4	1/-5	1/-6
300	3/-2	2/-3	2/-3	3/-3	3/-2	3/-1	4/0	4/-1	3/-2
Valley	4/-0	4/-1	3/-1	4/-0	5/1	5/2	5/2	5/1	5/1
Freezing Level*	600m	500m	400m	400m	500m	600m	700m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 40-50 mph will give difficult conditions with a risk of being blown off balance. Be prepared for sudden strong gusts on lee slopes and exposed ridges. Combination of snow, strong winds and low cloud will give a notable wind chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 11 Apr 2023	5.2mm	14.4mm	14.4mm

Forecast for Thursday 13 Apr 2023

Weather: Cloud clearing through the early hours to leave a cold and frosty start with a chance of icy patches. Variable cloud with occasional showers through the day, some of these may turn heavy and thundery or as a wintry mix over higher hills. Showers easing by the evening with some late sunshine. Low cloud forming across higher ranges late on.

Maximum wind: West 30-40 mph veering easing 15-20 mph during the evening.

Chance of cloud-free hill tops above 600m: 30% becoming 60% by the afternoon. Lowest bases in showers and in the west. Lowering to 20% across the northwest Dales towards midnight.

Low Cloud and visibility: Cloud bases will shroud summits above around 600m at times throughout the morning, particularly further west. Cloud bases then rising above summits, but perhaps falling to around 400m in and around showers. Cloud bases lowering to 500m widely late on. Visibility very good, but poor or very poor in any showers.

Temperature: **Valleys:** Plus 3 Celsius increasing Plus 6 Celsius
At 600m: Minus 1 Celsius rising to Plus 3 Celsius
Freezing level: 600m rising to just above summits.

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